

=> s nicotinic receptor#
L1 917 NICOTINIC RECEPTOR#

=> s nicotinic (3a) receptor#
L2 1851 NICOTINIC (3A) RECEPTOR#

=> s 12 (12a) ((alpha 7) or ("alpha 7"))
L3 105 L2 (12A) ((ALPHA 7) OR ("ALPHA 7"))

=> s 13 (20a) human
L4 23 L3 (20A) HUMAN

=> d 1-23

L4 ANSWER 1 OF 23 USPATFULL on STN
AN 2003:226398 USPATFULL
TI Methods and compositions for treatment of central nervous system disorders
IN Bencherif, Merouane, Winston-Salem, NC, UNITED STATES
Marrero, Mario B., Evans, GA, UNITED STATES
PI US 2003158211 A1 20030821
AI US 2002-318842 A1 20021213 (10)
PRAI US 2001-340582P 20011214 (60)
US 2002-369934P 20020404 (60)
DT Utility
FS APPLICATION
LN.CNT 2106
INCL INCLM: 514/256.000
INCLS: 514/357.000; 435/007.100; 436/518.000; 514/345.000
NCL NCLM: 514/256.000
NCLS: 514/357.000; 435/007.100; 436/518.000; 514/345.000
IC [7]
ICM: A61K031-505
ICS: A61K031-44; G01N033-53; G01N033-543
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 23 USPATFULL on STN
AN 2003:214422 USPATFULL
TI ARYLYKLAMINE SPIROFUROPYRIDINES USEFUL IN THERAPY
IN Loch III, James T, Hopkinton, MA, UNITED STATES
Mullen, Georg B, Milford, MA, UNITED STATES
Phillips, Eifion D, Worcester, MA, UNITED STATES
PI US 2003149065 A1 20030807
AI US 2000-529654 A1 20000418 (9)
WO 1999-SE2478 19991223
PRAI SE 1999-100 19990115
DT Utility
FS APPLICATION
LN.CNT 1432
INCL INCLM: 514/278.000
INCLS: 546/015.000
NCL NCLM: 514/278.000
NCLS: 546/015.000
IC [7]
ICM: A61K031-4747
ICS: C07D471-14
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 23 USPATFULL on STN
AN 2003:188372 USPATFULL
TI Method for treating neurodegenerative disorders
IN Reitz, Allen B., Lansdale, PA, UNITED STATES
Demeter, David A., Fishers, IN, UNITED STATES
Lee, Daniel H.S., Northhampton, PA, UNITED STATES
Wang, Hoau-Yan, Philadelphia, PA, UNITED STATES
Chen, Robert H., Belle Mead, NJ, UNITED STATES
Ross, Tina Morgan, Audubon, PA, UNITED STATES
Scott, Malcolm K., Lansdale, PA, UNITED STATES

PI Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES
US 2003130165 A1 20030710
AI US 2002-162821 A1 20020605 (10)
RLI Division of Ser. No. US 1999-320885, filed on 27 May 1999, GRANTED, Pat.
No. US 6441049
PRAI US 1998-87577P 19980601 (60)
DT Utility
FS APPLICATION
LN.CNT 1505
INCL INCLM: 514/001.000
NCL NCLM: 514/001.000
IC [7]
ICM: A61K031-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 23 USPATFULL on STN
AN 2003:173989 USPATFULL
TI Pharmaceutical composition for the treatment of CNS and other disorders
IN O'Neill, Brian Thomas, Old Saybrook, CT, UNITED STATES
Coe, Jotham Wadsworth, Niantic, CT, UNITED STATES
O'Donnell, Christopher J., Mystic, CT, UNITED STATES
PA Pfizer Inc. (U.S. corporation)
PI US 2003119837 A1 20030626
AI US 2002-229447 A1 20020828 (10)
RLI Continuation of Ser. No. US 2001-47850, filed on 23 Oct 2001, ABANDONED
PRAI US 2000-258736P 20001229 (60)
DT Utility
FS APPLICATION
LN.CNT 1923
INCL INCLM: 514/243.000
INCLS: 514/249.000; 514/248.000; 544/184.000; 544/236.000; 544/276.000;
544/277.000; 544/255.000
NCL NCLM: 514/243.000
NCLS: 514/249.000; 514/248.000; 544/184.000; 544/236.000; 544/276.000;
544/277.000; 544/255.000
IC [7]
ICM: A61K031-53
ICS: A61K031-52; A61K031-519; C07D487-02; C07D473-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 23 USPATFULL on STN
AN 2003:134525 USPATFULL
TI Alpha7 nicotinic receptor peptides as ligands for beta amyloid peptides
IN Lee, Daniel H. S., Sudbury, MA, UNITED STATES
Wang, Hoau-Yan, Philadelphia, PA, UNITED STATES
Plata-Salaman, Carlos, Ambler, PA, UNITED STATES
Reitz, Allen B., Lansdale, PA, UNITED STATES
PI US 2003092613 A1 20030515
AI US 2001-928636 A1 20010813 (9)
PRAI US 2000-225048P 20000814 (60)
DT Utility
FS APPLICATION
LN.CNT 929
INCL INCLM: 514/012.000
INCLS: 514/013.000; 514/014.000; 514/015.000; 514/016.000; 514/017.000;
514/018.000; 530/324.000; 530/326.000; 530/327.000; 530/328.000;
530/329.000; 530/330.000
NCL NCLM: 514/012.000
NCLS: 514/013.000; 514/014.000; 514/015.000; 514/016.000; 514/017.000;
514/018.000; 530/324.000; 530/326.000; 530/327.000; 530/328.000;
530/329.000; 530/330.000
IC [7]
ICM: A61K038-16
ICS: A61K038-10; A61K038-08; C07K014-435; C07K007-08; C07K007-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 23 USPATFULL on STN
AN 2003:106250 USPATFULL
TI Variant human alpha7 acetylcholine receptor subunit, and methods of

IN production and use thereof
Briggs, Clark A., Libertyville, IL, UNITED STATES
Gopalakrishnan, Murali, Grayslake, IL, UNITED STATES
McKenna, David G., McHenry, IL, UNITED STATES
Monteggia, Lisa M., Lindenhurst, IL, UNITED STATES
Roch, Jean-Marc, Waukegan, IL, UNITED STATES
Sullivan, James P., Deerfield, IL, UNITED STATES
Touma, Edward, North Chicago, IL, UNITED STATES
PI US 2003073161 A1 20030417
AI US 2001-954936 A1 20010918 (9)
RLI Division of Ser. No. US 1996-771737, filed on 20 Dec 1996, GRANTED, Pat.
No. US 6323000
DT Utility
FS APPLICATION
LN.CNT 1736
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12P021-02
ICS: C12N005-06; C07K014-705; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 23 USPATFULL on STN
AN 2003:11163 USPATFULL
TI Compounds
IN Phillips, Eifion, Wilmington, DE, UNITED STATES
Schmiesing, Richard, Wilmington, DE, UNITED STATES
PI US 2003008867 A1 20030109
AI US 2002-123856 A1 20020415 (10)
RLI Continuation of Ser. No. WO 2001-SE329, filed on 15 Feb 2001, UNKNOWN
PRAI SE 2000-540 20000218
DT Utility
FS APPLICATION
LN.CNT 3040
INCL INCLM: 514/228.200
INCLS: 514/232.800; 514/253.040; 514/254.080; 514/305.000; 514/299.000;
514/412.000; 544/060.000; 544/127.000; 544/143.000; 544/362.000;
544/373.000; 546/135.000; 546/200.000; 548/453.000
NCL NCLM: 514/228.200
NCLS: 514/232.800; 514/253.040; 514/254.080; 514/305.000; 514/299.000;
514/412.000; 544/060.000; 544/127.000; 544/143.000; 544/362.000;
544/373.000; 546/135.000; 546/200.000; 548/453.000
IC [7]
ICM: C07D417-14
ICS: C07D413-14; C07D043-14; C07D041-14; A61K031-541; A61K031-5377;
A61K031-496
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 23 USPATFULL on STN
AN 2002:330309 USPATFULL
TI New compounds
IN Phillips, Eifion, Rochester, NY, UNITED STATES
Mack, Robert, Rochester, NY, UNITED STATES
Macor, John, Flemington, NJ, UNITED STATES
Semus, Simon, Bensalem, PA, UNITED STATES
PI US 2002187994 A1 20021212
AI US 2002-93939 A1 20020308 (10)
RLI Continuation of Ser. No. US 2000-594703, filed on 16 Jun 2000, GRANTED,
Pat. No. US 6369224
DT Utility
FS APPLICATION
LN.CNT 2188
INCL INCLM: 514/278.000
INCLS: 546/018.000
NCL NCLM: 514/278.000
NCLS: 546/018.000
IC [7]

ICM: A61K031-4747

ICS: C07D471-14

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 23 USPATFULL on STN
AN 2002:315107 USPATFULL
TI Pharmaceutical compositions for the treatment of CNS and other disorders
IN O'Donnell, Christopher J., Mystic, CT, UNITED STATES
O'Neill, Brian T., Old Saybrook, CT, UNITED STATES
PA Pfizer Inc. (U.S. corporation)
PI US 2002177591 A1 20021128
AI US 2002-68692 A1 20020206 (10)
PRAI US 2001-266749P 20010206 (60)
US 2001-274994P 20010312 (60)
DT Utility
FS APPLICATION
LN.CNT 2783
INCL INCLM: 514/221.000
INCLS: 514/249.000; 540/567.000; 544/349.000
NCL NCLM: 514/221.000
NCLS: 514/249.000; 540/567.000; 544/349.000
IC [7]
ICM: A61K031-5513
ICS: A61K031-498; C07D487-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 23 USPATFULL on STN
AN 2002:265889 USPATFULL
TI Acetylcholine receptor subunits
IN Adamczewski, Martin, Keln, GERMANY, FEDERAL REPUBLIC OF
Ebbinghaus-Kintscher, Ulrich, Dortmund, GERMANY, FEDERAL REPUBLIC OF
Methfessel, Christoph, Wuppertal, GERMANY, FEDERAL REPUBLIC OF
Schulte, Thomas, Keln, GERMANY, FEDERAL REPUBLIC OF
PI US 2002146765 A1 20021010
AI US 2001-941179 A1 20010827 (9)
PRAI DE 2000-10042177 20000828
DT Utility
FS APPLICATION
LN.CNT 1810
INCL INCLM: 435/069.100
INCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.200
NCL NCLM: 435/069.100
NCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.200
IC [7]
ICM: C07H021-04
ICS: C12P021-02; C12N005-06; C07K014-705

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 23 USPATFULL on STN
AN 2002:165241 USPATFULL
TI Pharmaceutical composition for the treatment of CNS and other disorders
IN O'Neill, Brian Thomas, Old Saybrook, CT, UNITED STATES
Coe, Jotham Wadsworth, Niantic, CT, UNITED STATES
O'Donnell, Christopher John, Mystic, CT, UNITED STATES
PI US 2002086871 A1 20020704
AI US 2001-47850 A1 20011023 (10)
PRAI US 2000-258736P 20001229 (60)
DT Utility
FS APPLICATION
LN.CNT 2010
INCL INCLM: 514/260.100
INCLS: 514/300.000; 514/301.000; 514/302.000; 544/255.000; 546/112.000;
546/113.000; 546/114.000
NCL NCLM: 514/260.100
NCLS: 514/300.000; 514/301.000; 514/302.000; 544/255.000; 546/112.000;
546/113.000; 546/114.000
IC [7]
ICM: A61K031-519

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 23 USPATFULL on STN
 AN 2002:22538 USPATFULL
 TI METHOD OF TREATING NEURODEGENERATIVE DISORDERS VIA INHIBITION OF AMYLOID
 BETA PEPTIDE BINDING
 IN REITZ, ALLEN B., LANSDALE, PA, UNITED STATES
 DEMETER, DAVID A., FISHERS, IN, UNITED STATES
 LEE, DANIEL H.S., NORTHHAMPTON, PA, UNITED STATES
 WANG, HOAU-YAN, PHILADELPHIA, PA, UNITED STATES
 CHEN, ROBERT H., BELLE MEAD, NJ, UNITED STATES
 ROSS, TINA MORGAN, AUDUBON, PA, UNITED STATES
 SCOTT, MALCOLM K., LANSDALE, PA, UNITED STATES
 PLATA-SALAMAN, CARLOS R., AMBLER, PA, UNITED STATES
 PI US 2002013374 A1 20020131
 US 6441049 B2 20020827
 AI US 1999-320885 A1 19990527 (9)
 PRAI US 1998-87577P 19980601 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1507
 INCL INCLM: 514/657.000
 INCLS: 564/428.000; 564/429.000
 NCL NCLM: 514/657.000
 NCLS: 564/428.000; 564/429.000
 IC [7]
 ICM: A61K031-135
 ICS: C07C211-42

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 23 USPATFULL on STN
 AN 2001:212109 USPATFULL
 TI Methods for the diagnosis and prognosis of acute leukemias
 IN Steeg, Evan W., Kingston, Canada
 Misener, Stephen R., Perth, Canada
 Willis, Edward S., Nepean, Canada
 Anderson, Gary E., Kingston, Canada
 Dunne, Roderick J., Kingston, Canada
 Lepage, Marc A., Kingston, Canada
 PI US 2001044103 A1 20011122
 AI US 2000-726427 A1 20001201 (9)
 PRAI US 1999-168625P 19991203 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1622
 INCL INCLM: 435/006.000
 NCL NCLM: 435/006.000
 IC [7]
 ICM: C12Q001-68

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 23 USPATFULL on STN
 AN 2001:205939 USPATFULL
 TI Use
 IN Gurley, David, Lima, NY, United States
 Lanthorn, Thomas, Pittsford, NY, United States
 PI US 2001041732 A1 20011115
 AI US 2001-812269 A1 20010320 (9)
 RLI Division of Ser. No. US 1998-71826, filed on 4 May 1998, GRANTED, Pat.
 No. US 6277870
 DT Utility
 FS APPLICATION
 LN.CNT 572
 INCL INCLM: 514/418.000
 NCL NCLM: 514/418.000
 IC [7]
 ICM: A61K031-404

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 23 USPATFULL on STN
AN 2001:136673 USPATFULL
TI Use
IN Gurley, David, Lima, NY, United States
Lanthorn, Thomas, Pittsford, NY, United States
PA Astra AB, Sweden (non-U.S. corporation)
PI US 6277870 B1 20010821
AI US 1998-71826 19980504 (9)
DT Utility
FS GRANTED
LN.CNT 378
INCL INCLM: 514/343.000
INCLS: 514/415.000; 546/193.000; 546/194.000; 546/257.000; 546/279.400
NCL NCLM: 514/343.000
NCLS: 514/415.000; 546/193.000; 546/194.000; 546/257.000; 546/279.400
IC [7]
ICM: A61K031-44
ICS: A61K031-405; C07D211-68; C07D213-02; C07D401-00
EXF 546/193; 546/194; 546/257; 546/279.4; 514/343; 514/415
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 23 USPATFULL on STN
AN 2001:105177 USPATFULL
TI VARIANT HUMAN ALPHA7 ACETYLCHOLINE RECEPTOR SUBUNIT, AND METHODS OF
PRODUCTION AND USES THEREOF
IN BRIGGS, CLARK A., LIBERTYVILLE, IL, United States
GOPALAKRISHNAN, MURALI, GRAYSLAKE, IL, United States
MC KENNA, DAVID G., MCHENRY, IL, United States
MONTEGGIA, LISA M., LINDERHURST, IL, United States
ROCH, JEAN-MARC, WAUKEGAN, IL, United States
SULLIVAN, JAMES P., DEERFIELD, IL, United States
TOUMA, EDWARD, NORTH CHICAGO, IL, United States
PI US 2001006796 A1 20010705
US 6323000 B2 20011127
AI US 1996-771737 A1 19961220 (8)
DT Utility
FS APPLICATION
LN.CNT 1634
INCL INCLM: 435/069.100
INCLS: 536/023.500; 435/325.000; 435/320.100; 530/350.000; 435/007.200;
514/002.000; 435/006.000; 530/387.900
NCL NCLM: 435/069.100
NCLS: 435/071.100; 435/254.200; 435/320.100; 435/325.000; 536/023.500
IC [7]
ICM: A01N037-18
ICS: A61K038-00; C12Q001-68; G01N033-53; G01N033-567; C07H021-04;
C12P021-06; C12N015-00; C12N015-09; C12N015-63
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 17 OF 23 USPATFULL on STN
AN 2000:113941 USPATFULL
TI Spiroazabicyclic heterocyclic compounds
IN Phillips, Eifion, West Henrietta, NY, United States
Mack, Robert, Rochester, NY, United States
Macor, John, Flemington, NJ, United States
Semus, Simon, Bensalem, PA, United States
PA Astra Aktiebolag, Sodertalje, Sweden (non-U.S. corporation)
PI US 6110914 20000829
WO 9903859 19990128
AI US 1998-171983 19981029 (9)
WO 1998-SE1364 19980710
19981029 PCT 371 date
19981029 PCT 102(e) date
PRAI SE 1997-2746 19970718
SE 1998-977 19980324
DT Utility
FS Granted
LN.CNT 2097

INCL INCLM: 514/233.200
INCLS: 544/070.000; 544/230.000; 546/014.000; 546/018.000; 546/543.000
NCL NCLM: 514/233.200
NCLS: 540/543.000; 544/070.000; 544/230.000; 546/014.000; 546/018.000
IC [7]
ICM: A61K031-5377
ICS: A61P025-28; C07P499-21
EXF 544/70; 546/18; 514/233.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 23 PCTFULL COPYRIGHT 2003 Univentio on STN
DISPLAY DATA IS TEMPORARILY UNAVAILABLE FOR UPDATING REASONS.
OFFLINE PRINTS ORDERED DURING THIS SESSION WILL CONTAIN ALL DATA.

L4 ANSWER 19 OF 23 PCTFULL COPYRIGHT 2003 Univentio on STN
DISPLAY DATA IS TEMPORARILY UNAVAILABLE FOR UPDATING REASONS.
OFFLINE PRINTS ORDERED DURING THIS SESSION WILL CONTAIN ALL DATA.

L4 ANSWER 20 OF 23 PCTFULL COPYRIGHT 2003 Univentio on STN
DISPLAY DATA IS TEMPORARILY UNAVAILABLE FOR UPDATING REASONS.
OFFLINE PRINTS ORDERED DURING THIS SESSION WILL CONTAIN ALL DATA.

L4 ANSWER 21 OF 23 PCTFULL COPYRIGHT 2003 Univentio on STN
DISPLAY DATA IS TEMPORARILY UNAVAILABLE FOR UPDATING REASONS.
OFFLINE PRINTS ORDERED DURING THIS SESSION WILL CONTAIN ALL DATA.

L4 ANSWER 22 OF 23 PCTFULL COPYRIGHT 2003 Univentio on STN
DISPLAY DATA IS TEMPORARILY UNAVAILABLE FOR UPDATING REASONS.
OFFLINE PRINTS ORDERED DURING THIS SESSION WILL CONTAIN ALL DATA.

L4 ANSWER 23 OF 23 PCTFULL COPYRIGHT 2003 Univentio on STN
DISPLAY DATA IS TEMPORARILY UNAVAILABLE FOR UPDATING REASONS.
OFFLINE PRINTS ORDERED DURING THIS SESSION WILL CONTAIN ALL DATA.